

1056-57-1710      **Ilya Kofman\*** (ikofman@math.csi.cuny.edu), Department of Mathematics, 1S, College of Staten Island, 2800 Victory Boulevard, New York, NY 10314. *Geometry of Lorenz knots.*

Lorenz knots are periodic orbits in the flow on  $R^3$  given by the Lorenz differential equations. Birman and Kofman identified over half of the simplest hyperbolic knots as Lorenz knots. We will discuss the geometry of hyperbolic Lorenz knot complements. (Received September 22, 2009)